



# Sacramento Deep Water Ship Channel Locks Fish Passage Study

3. 27. 2001



# Overview

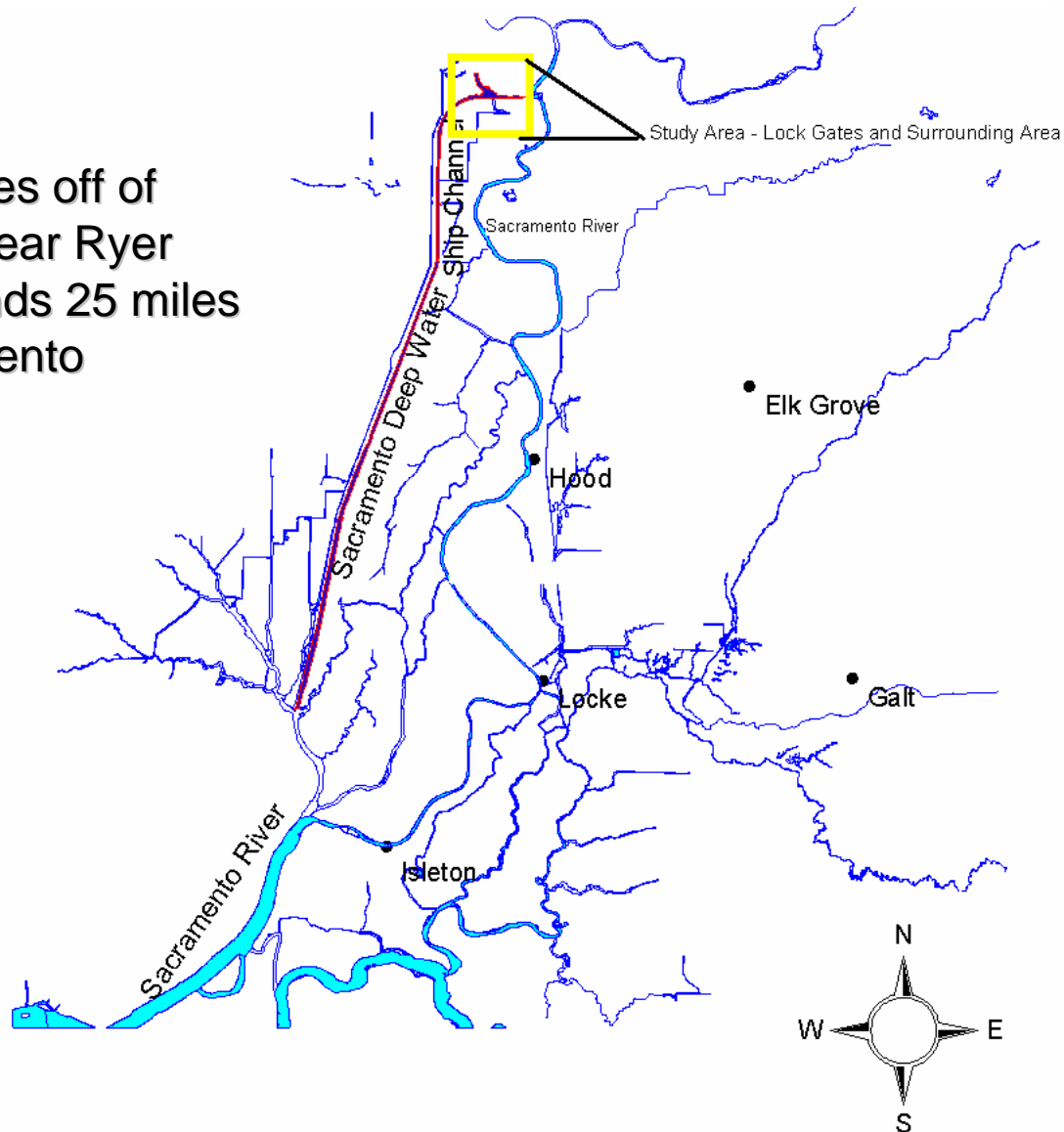
- Location
- Purpose
- Materials and Methods
- Status



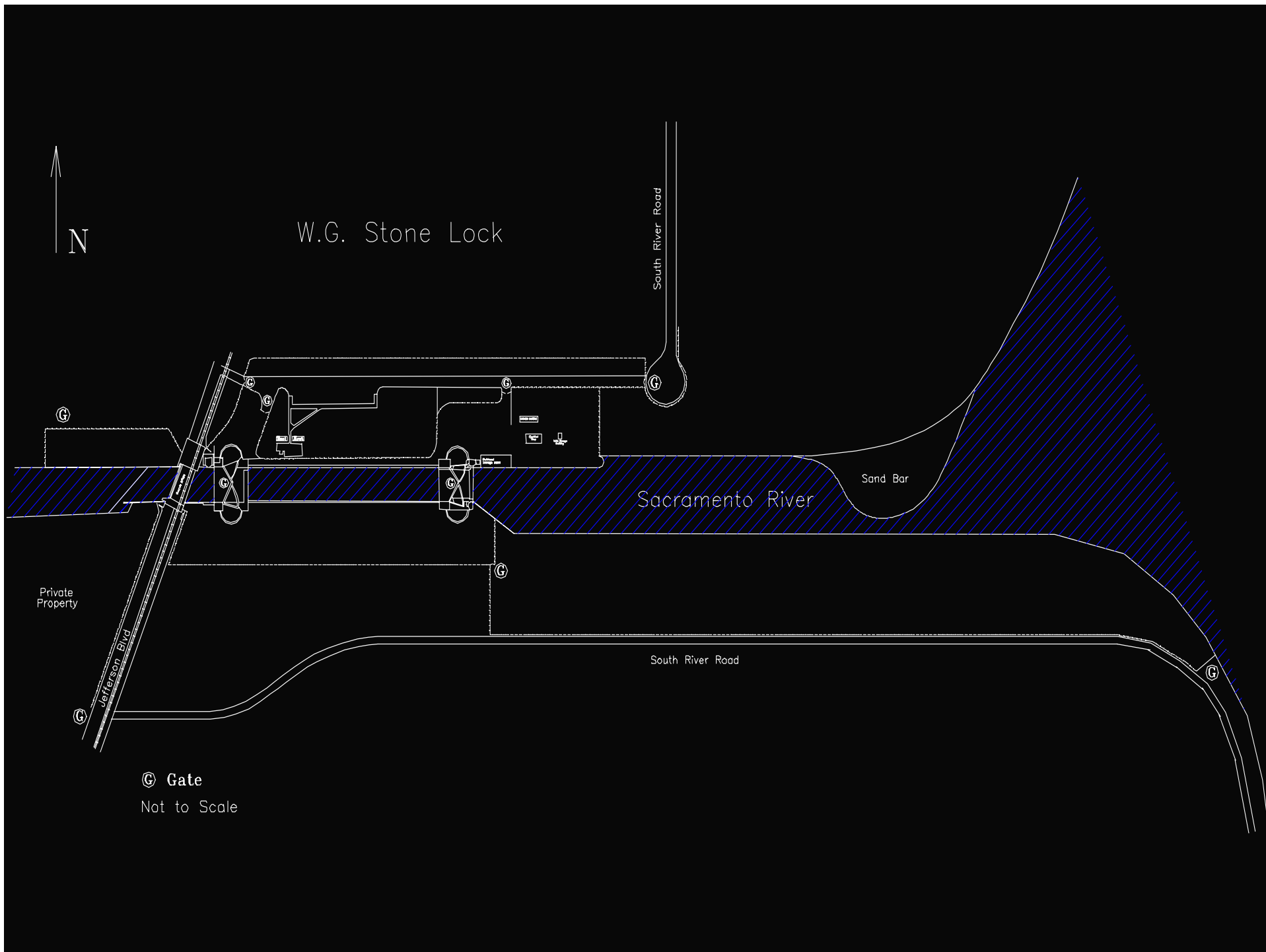


# Study Location

SDWSC branches off of  
Cache Slough near Ryer  
Island and extends 25 miles  
to West Sacramento



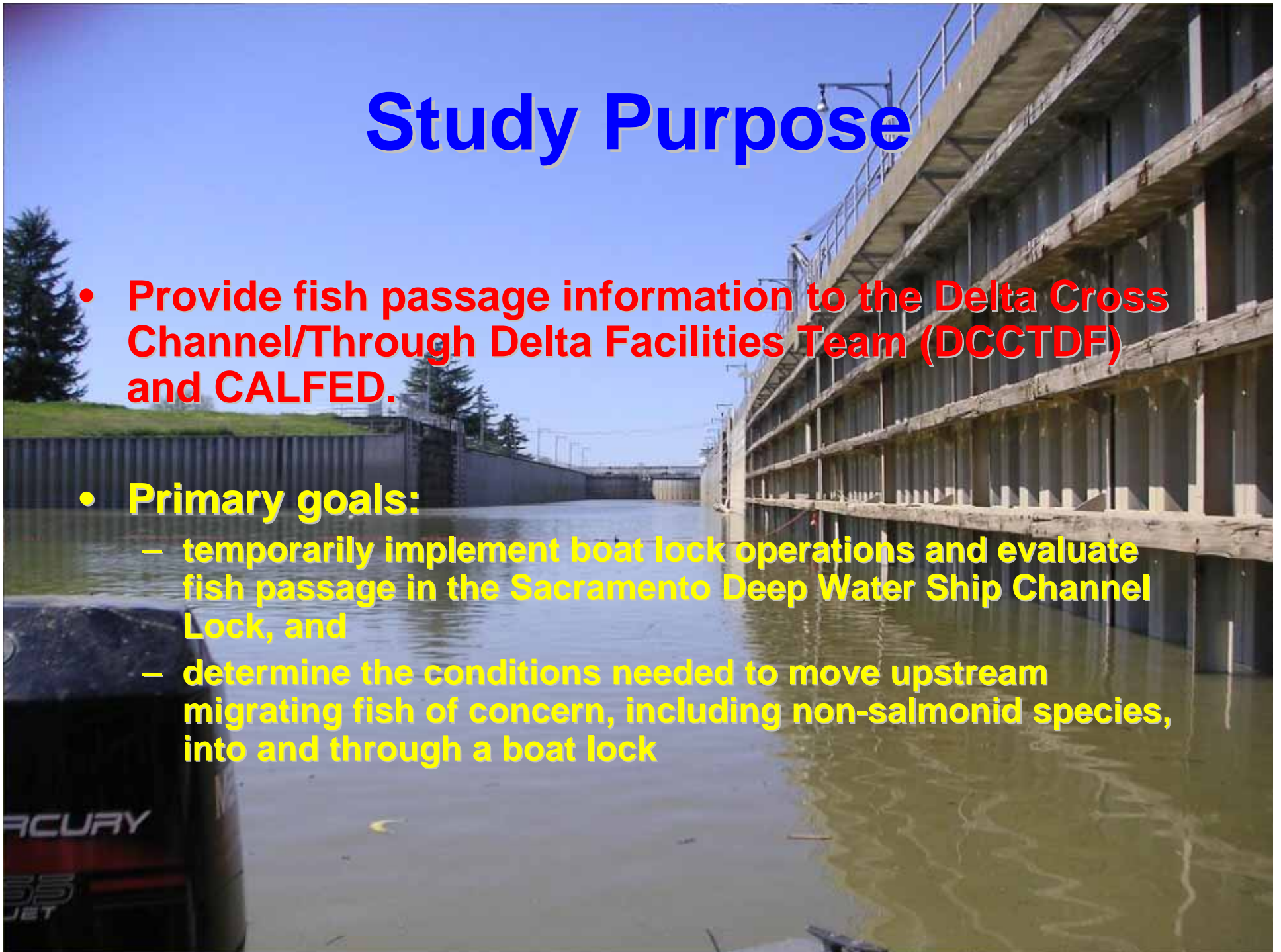






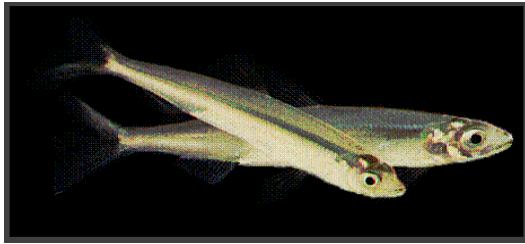
# Study Purpose

- Provide fish passage information to the Delta Cross Channel/Through Delta Facilities Team (DCCTDF) and CALFED.
- Primary goals:
  - temporarily implement boat lock operations and evaluate fish passage in the Sacramento Deep Water Ship Channel Lock, and
  - determine the conditions needed to move upstream migrating fish of concern, including non-salmonid species, into and through a boat lock





# Species of Interest



Delta Smelt



Chinook Salmon



Sacramento Splittail



Steelhead



American Shad



Striped Bass



White Sturgeon





# MATERIALS AND METHODS



# Hydro Acoustic Equipment



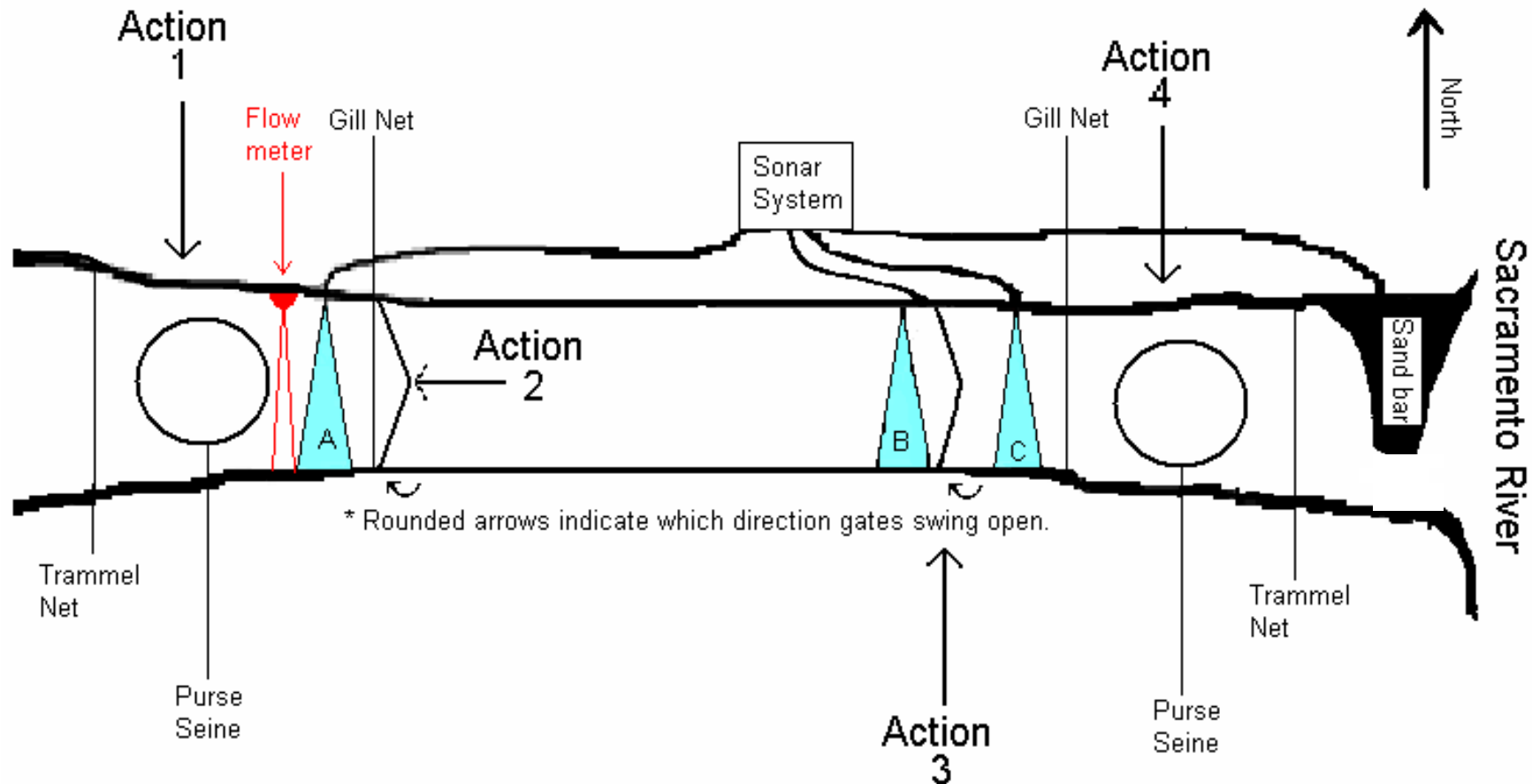


# Net Types Used





# Sampling Setup at the Lock









# Status

- Delays: Contracting and Funding
- Final Report scheduled to be completed in November 2005.





# Products in Development

- **Finish Evaluating Data**
  - Patterns of behavior for target species
  - Hydraulic influences/characteristics
- **Animation of fish movement thru lock**
- **Final Report**

6. 7. 2002